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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Toshiyuki Tamura

Patent No.: 7,181,209 B2

Serial No.: 09/935,675

Group Art Unit: 2614

Filed: August 24, 2001

Examiner: Sing, Simon P.

For: COMMUNICATION SYSTEM AND ALIGNMENT METHOD OF TRANSCODER

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Certificate of Correction Branch

Certificate
MAR 08 2007
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION

Sir:

The undersigned respectfully requests a Certificate of Correction for the above identified patent. In particular:

Page 1, No. (73) Assignee:

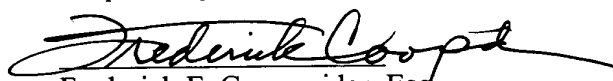
Please correct Nec Corporation to NEC Corporation

Please forward a Certificate of Correction, showing this correction to the address shown below. If there are any questions on this matter, please direct all telephone calls to the number shown below.

Since this error was due to the U.S.P.T.O., there is no charge for this correction.

Respectfully Submitted,

Date: 3/6/07


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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : U.S. 7,181,209 B2

DATED : February 20, 2007

INVENTOR(S) : Toshiyuki Tamura

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 1, No. (73) Assignee:

Please correct Nec Corporation to NEC Corporation.

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PATENT NO. U.S. 7,181,209 B2

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(12) **United States Patent**
Tamura

(10) **Patent No.:** **US 7,181,209 B2**
(45) **Date of Patent:** **Feb. 20, 2007**

(54) **COMMUNICATION SYSTEM AND
ALIGNMENT METHOD OF TRANSCODER**

(75) **Inventor:** Toshiyuki Tamura, Tokyo (JP)

(73) **Assignee:** Nec Corporation, Tokyo (JP)

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 780 days.

(21) **Appl. No.:** 09/935,675

(22) **Filed:** Aug. 24, 2001

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(30) **Foreign Application Priority Data**

Dec. 13, 2000 (JP) 2000-379106

(51) **Int. Cl.**
H04Q 7/20 (2006.01)

(52) **U.S. Cl.** 455/432; 455/439

(58) **Field of Classification Search** 455/432.2,
455/436, 437, 442, 443
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,608,779 A * 3/1997 Lev et al. 455/436
5,867,784 A * 2/1999 Lantto 455/432.2
6,556,844 B1 * 4/2003 Mayer 455/560

2003/0032440 A1 * 2/2003 Sato et al.

OTHER PUBLICATIONS

Tdoc N4-000476 by Siemens (IDS).
TrFO break--Message Sequence Charts, Tdoc N4-00868, Siemens, Oct. 16, 2000.*
Siemens, "Through Connection and lu User Plane Initialization during TrFO establishment", TrFO/TFO Workshop #2, Jul. 18, 2000, Helsinki, Finland.
NEC, "SRNS Relocation During the TrFO Connection", TrFO Workshop, Aug. 28, 2000, Seattle, USA.

* cited by examiner

Primary Examiner—Fan Tsang

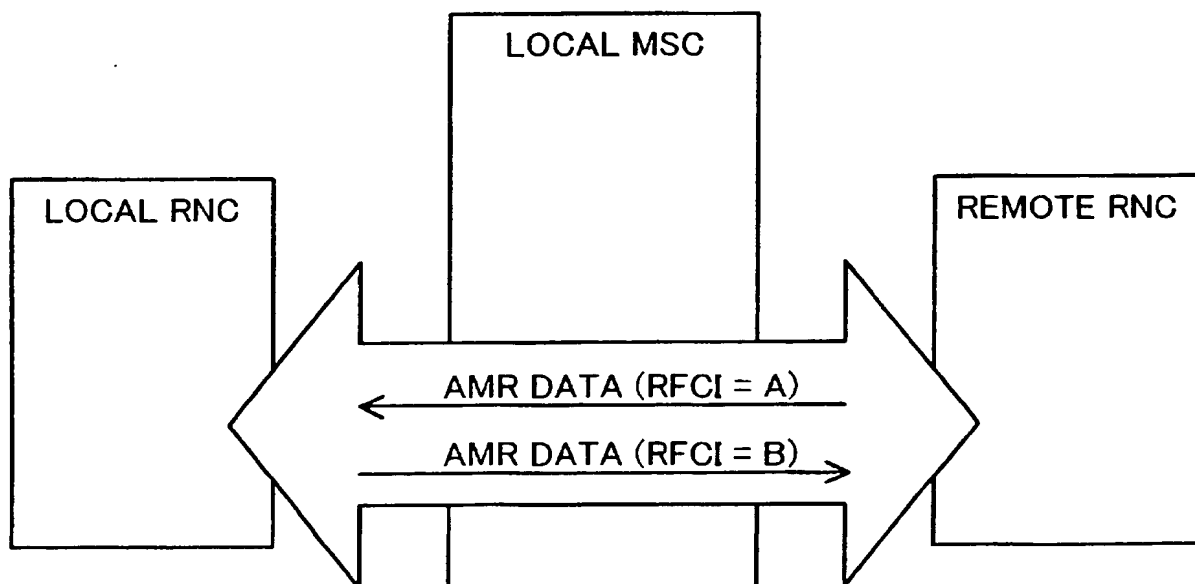
Assistant Examiner—Simon Sing

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(57) **ABSTRACT**

When a terminal is moved to an area covered by a different switching node RNC of a radio access network, degradation of speech quality is prevented by returning a transcoder insertion connection to a transcoder-free-operation connection. When the terminal is moved and the switching node RNC of the radio access network is changed, a relocation is performed by inserting the transcoder, re-confirmation of parameter information of a bandwidth-compression coding system is requested for a local side switching node RNC and a remote side switching node RNC and, when the transcoder can be bypassed according to the confirmation, the transcoder is removed to return to the transcoder-free-operation mode.

13 Claims, 8 Drawing Sheets



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